

Focus Area 24: Respiratory Diseases

Objective 24-1d targets an overall reduction in the asthma death rate for persons aged 35-64 years to 9.0 per 1,000,000 population.

Asthma death rates declined from 17.7 per 1,000,000 population aged 35-64 in 2000 to 12.0 per 1,000,000 in 2004 (Figure 24-1d, Table 24-1d). These rates are significantly higher than the HP2010 target of 9.0, and the objective for the total population of Californians aged 35-64 is not yet being achieved.

Asthma death rates for females aged 35-64 declined significantly from 18.5 per 1,000,000 in 2000 to 13.0 per 1,000,000 in 2004. These rates were significantly higher than asthma death rates for males aged 35-64 (13.0 per 1,000,000 in 2004), and the HP2010 objective was not being achieved for either gender as of 2004.

Data by race and ethnicity show that the highest reliable asthma death rates for persons aged 35-64 were found for African Americans/Blacks (46.3 per 1,000,000 in 2004). The next highest reliable asthma death rates were found for Whites, whose rates significantly declined from 16.5 per 1,000,000 in 2000 to 11.6 per 1,000,000 in 2004. The HP2010 objective is not being achieved for either of these racial groups, but is being achieved for the Hispanic/Latino population (6.0 per 1,000,000 in 2004). Death rates for the American Indian/Alaska Native, Pacific Islander, and the "Multirace" populations were unreliable due to the small number of events, and are not reported here except in instances where no deaths were reported.

For more information on asthma in California, visit the California Asthma Public Health Initiative Web site at:

<http://www.dhs.ca.gov/ps/cdic/cdcb/Medicine/Asthma/index.htm>

For more information on Healthy People 2010 objective 24-1d, please visit:

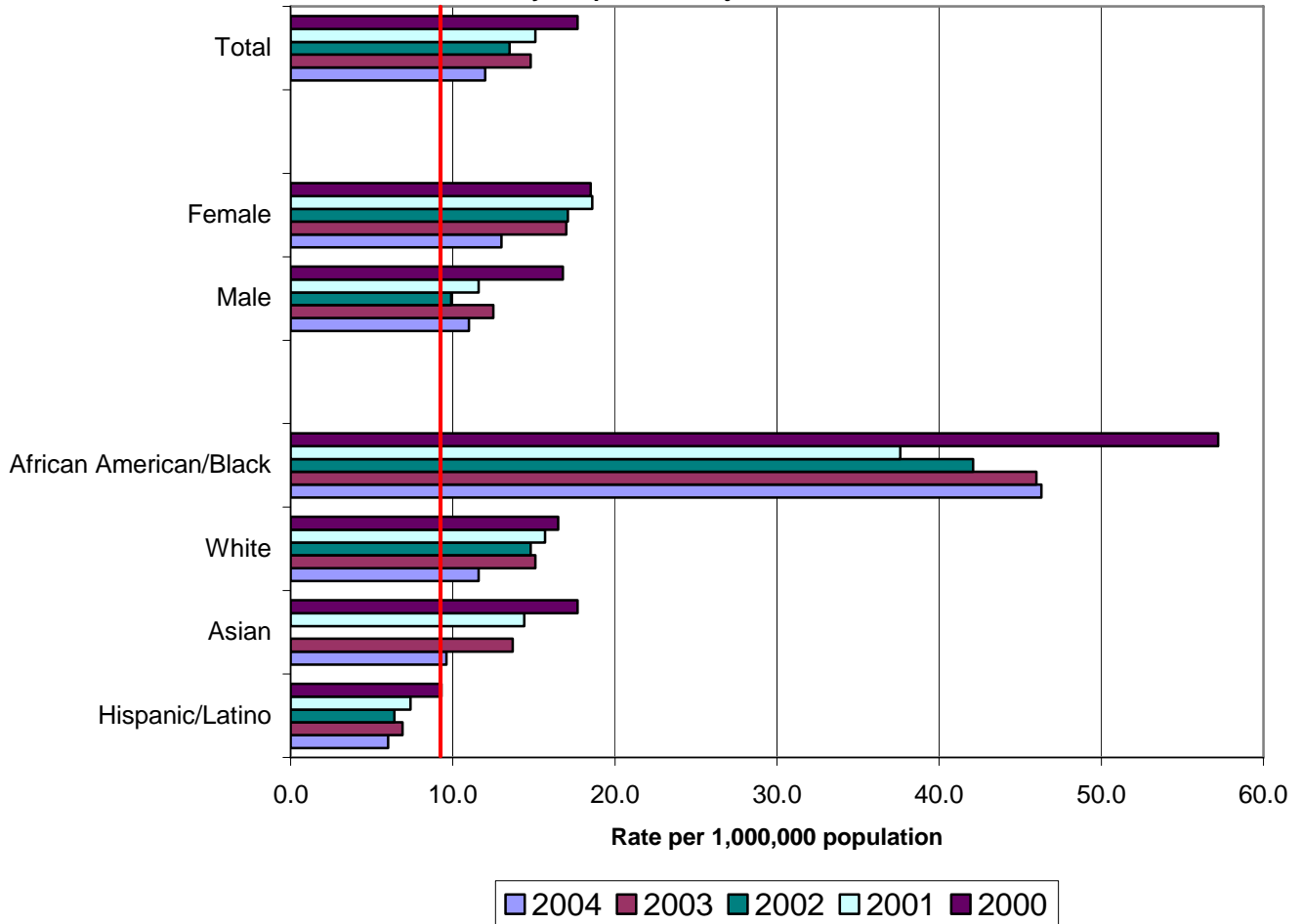
http://www.healthypeople.gov/Document/HTML/Volume2/24Respiratory.htm#_Toc489704825

and

<http://www.healthypeople.gov/Document/html/tracking/od24.htm#asthma>

**Figure 24-1d
Asthma Death Rates
Among Persons Aged 35-64
California, 2000-2004**

Healthy People 2010 Objective = 9.0



**Table 24-1d: Asthma Deaths and Death Rates Among Persons Aged 35-64 Years
California, 2000-2004**

Asthma Deaths, Persons Aged 35-64*	2000				2001			
	N	Rate ¹	Lower C.I.	Upper C.I.	N	Rate ¹	Lower C.I.	Upper C.I.
Healthy People 2010 Objective 24-1d	9.0				9.0			
Statewide Total	221	17.7	15.3	20.0	195	15.1	13.0	17.2
Race-Ethnicity								
African American/Black	47	57.2	55.0	59.3	32	37.6	35.5	39.8
American Indian/Alaska Native	0	0.0	-----	-----	2	DSU	-----	-----
Asian	26	17.7	16.1	19.3	22	14.4	12.8	16.0
Pacific Islander	3	DSU	-----	-----	4	DSU	-----	-----
Hispanic/Latino	28	9.3	8.1	10.4	24	7.4	6.3	8.5
White	114	16.5	15.7	17.2	110	15.7	15.0	16.5
Multirace	2	DSU	-----	-----	1	DSU	-----	-----
Gender								
Female	117	18.5	17.8	19.3	121	18.6	17.9	19.4
Male	104	16.8	16.0	17.5	74	11.6	10.8	12.3

Asthma Deaths, Persons Aged 35-64*	2002				2003			
	N	Rate ¹	Lower C.I.	Upper C.I.	N	Rate ¹	Lower C.I.	Upper C.I.
Healthy People 2010 Objective 24-1d	9.0				9.0			
Statewide Total	179	13.5	11.5	15.5	201	14.8	12.7	16.8
Race-Ethnicity								
African American/Black	37	42.1	40.0	44.0	42	46.1	32.1	60.0
American Indian/Alaska Native	0	0.0	-----	-----	0	0.0	-----	-----
Asian	13	DSU	-----	-----	22	13.7	8.0	19.5
Pacific Islander	3	DSU	-----	-----	2	DSU	-----	-----
Hispanic/Latino	22	6.4	5.4	7.5	25	6.9	4.2	9.6
White	104	14.8	14.0	15.5	108	15.1	12.3	18.0
Multirace	0	0.0	-----	-----	0	0.0	-----	-----
Gender								
Female	114	17.1	16.3	17.9	116	17.0	13.9	20.0
Male	65	9.9	9.1	10.6	85	12.5	9.9	15.2

Asthma Deaths, Persons Aged 35-64*	2004					
	N	Rate ¹	Lower C.I.	Upper C.I.	5-year Trend	HP2010 Objective Being Achieved?
Healthy People 2010 Objective 24-1d	9.0					
Statewide Total	167	12.0	10.2	13.8	ns	No
Race-Ethnicity						
African American/Black	43	46.3	32.5	60.2	ns	No
American Indian/Alaska Native	1	DSU	-----	-----	n/a	Unk
Asian	16	DSU	-----	-----	n/a	Unk
Pacific Islander	0	0.0	-----	-----	n/a	Unk
Hispanic/Latino	23	6.0	3.6	8.5	ns	Yes
White	83	11.6	9.1	14.1	Sig. -	No
Multirace	1	DSU	-----	-----	n/a	Unk
Gender						
Female	91	13.0	10.3	15.7	Sig. -	No
Male	76	11.0	8.5	13.5	ns	No

SOURCES: CA Department of Health Services, Death Records, 2000-2004; CA Department of Finance, Demographic Research Unit, Population Projections by Race/Ethnicity for California and Its Counties 2000-2050, May 2004.

NOTES: * Asthma deaths defined by ICD-10 codes J45-J46; ¹ Rate per 1,000,000 population aged 35-64 years.
 ns No significant trend as measured by linear regression analysis; n/a Not applicable (fewer than five data points).
 DSU Data statistically unreliable (Relative Standard Error greater than 23 percent).
 Sig. - Statistically significant decrease in age-specific death rates from 2000 to 2004.